AMENDMENTS TO THE CLAIMS

- 1. (original) A cured composition comprising a cured residue of a curable composition comprising:
- (a) an epoxy resin and curing agent therefor, wherein said epoxy resin is essentially free of bromine atoms;
- (b) a flame retardant additive essentially free of phenolic groups and of epoxy groups, wherein said flame retardant is a condensation product of (i) a brominated phenol or a mixture of brominated phenols with (ii) a cyanuric halide; and
 - (c) a thermoplastic resin.
- 2. (original) The cured composition of claim 1, wherein said flame retardant additive has a bromine content greater than 20%.
- 3. (original) The cured composition of claim 1, wherein said flame retardant additive is 1,3,5-tris(2,4,6-tribromophenoxy)triazine.
- 4. (original) The cured composition of claim 1, wherein said flame retardant additive is 2,2'-[(1-mothylethylidene)bis[(2,6-dibromo-4,1-phenylene)oxy]]bis[4,6-bis[(2,4,6-tribromophenyl)oxy]-1,3,5-triazine].
- 5. (original) The cured composition of claim 1, wherein said flame retardant additive is soluble in tolucne at a concentration of greater than 15 g/100ml of tolucne at a temperature of 50° C.
- 6. (original) The cured composition of claim 1, wherein said epoxy resin is a glycidyl ether resin or a mixture of glycidyl ether resins containing, on average, greater than 2 epoxy groups per molecule.

- 7. (currently amended) The A cured composition of claim 1, comprising a cured residue of a curable composition comprising:
- (a) an epoxy resin and curing agent therefor, wherein said epoxy resin is essentially free of bromine atoms; and wherein said epoxy resin is a mixture of:
 - (a1) an epoxy resin containing on average less than or equal to 2 glycidyl groups per molecule; and
 - (a2) an epoxy resin containing greater than 2 glycidyl groups per molecule;
- (b) a flame retardant additive essentially free of phenolic groups and of epoxy groups, wherein said flame retardant is a condensation product of (i) a brominated phenol or a mixture of brominated phenols with (ii) a cyanuric halide; and
 - (c) a thermoplastic resin.
- 8. (currently amended) The A cured composition of claim 1, comprising a cured residue of a curable composition comprising:
- (a) an cooxy resin and curing agent therefor, wherein said epoxy resin is essentially free of bromine atoms;
- (b) a flame retardant additive essentially free of phenolic groups and of epoxy groups, wherein said flame retardant is a condensation product of (i) a brominated phenol or a mixture of brominated phenols with (ii) a cyanuric halide; and
- (c) a thermoplastic resin; wherein said thermoplastic resin has a Tg greater than 120°C.

- 9. (currently amended) The A cured composition of claim 1, comprising a cured residue of a curable composition comprising:
- (a) an epoxy resin and curing agent therefor, wherein said epoxy resin is essentially free of bromine atoms;
- (b) a flame retardant additive essentially free of phenolic groups and of cpoxy groups, wherein said flame retardant is a condensation product of (i) a brominated phenol or a mixture of brominated phenols with (ii) a cyanuric halide; and
- (c) a thermoplastic resin; wherein said thermoplastic resin has a dissipation factor of less than 0.010 measured at 1 MHz at room temperature.
- 10. (original) The cured composition of claim 1, wherein said thermoplastic resin has been directly isolated from solution after polymerization.
- 11. (original) The cured composition of claim I, wherein said thermoplastic resin is a poly(phenylene other).
- 12. (original) The cured composition of claim 11, wherein said poly(phenylene other) has a weight average molecular weight ranging from about 3,000 to 35,000 g/mol.
- 13. (original) The cured composition of claim 11, wherein said poly(phenylene ether) has a weight average molecular weight ranging from about 3,000 to 35,000 g/mol.
- 14. (original) The cured composition of claim 11, wherein said poly(phenylene other) has been melt processed at a temperature ranging from about 200° to 350°C.

- (currently amended) The A cured composition of claim 11, comprising a 15. cured residue of a curable composition comprising:
- (a) an epoxy resin and curing agent therefor, wherein said epoxy resin is essentially free of bromine atoms;
- (b) a flame retardant additive essentially free of phenolic groups and of epoxy groups, wherein said flame retardant is a condensation product of (i) a brominated phenol or a mixture of brominated phenols with (ii) a cyanuric halide; and
- (c) a thermoplastic resin; wherein said thermoplastic resin is a poly(phenylene ether); and wherein said poly(phenylene ether) is hydroxy functional.
- (currently amended) The A cured composition of claim 1, comprising a 16. cured residue of a curable composition comprising:
- (a) an epoxy resin and curing agent therefor, wherein said epoxy resin is essentially free of bromine atoms;
- (b) a flame retardant additive essentially free of phenolic groups and of epoxy groups, wherein said flame retardant is a condensation product of (i) a brominated phenol or a mixture of brominated phenols with (ii) a eyanuric halide; and
- (c) a thermoplastic resin; wherein said thermoplastic resin is one or more of a poly(phenylene ether) or a poly(styrene-co-malcie anhydride).

- 17. (currently amended) The A cured composition of claim 1, comprising a cured residue of a curable composition comprising:
- (a) an epoxy resin and curing agent therefor, wherein said epoxy resin is essentially free of bromine atoms;
- (b) a flame retardant additive essentially free of phenolic groups and of epoxy groups, wherein said flame retardant is a condensation product of (i) a brominated phenol or a mixture of brominated phenols with (ii) a cyanuric halide; and
- (c) a thermoplastic resin; wherein said thermoplastic resin is a reaction product of a poly(phenylene other) and a peroxide.
- 18. (currently amended) The A cured composition of claim 1, comprising a cured residue of a curable composition comprising:
- (a) an epoxy resin and curing agent therefor, wherein said epoxy resin is essentially free of bromine atoms;
- (b) a flame retardant additive essentially free of phenolic groups and of epoxy groups, wherein said flame retardant is a condensation product of (i) a brominated phenol or a mixture of brominated phenols with (ii) a cyanuric halide; and
- (c) a thermoplastic resin: wherein said thermoplastic resin is a reaction product of a poly(phenylene ether), a peroxide, and a bisphenol.

- 19. (currently amended) The A cured composition of claim 1, comprising a cured residue of a curable composition comprising:
- (a) an choxy resin and curing agent therefor, wherein said epoxy resin is essentially free of browning atoms;
- (b) a flame retardant additive essentially free of phenolic groups and of epoxy groups, wherein said flame retardant is a condensation product of (i) a brominated phenol or a mixture of brominated phenols with (ii) a cyanuric halide; and
 - (c) a thermoplastic resin; wherein said thermoplastic resin is a polyimide.
- 20. (original) The cured composition of claim 1, wherein the curable composition further comprises one or more of an organic reinforcement, an inorganic reinforcement, or a filler.
- 21. (original) The cured composition of claim 1, wherein the curable composition is essentially free of homopolymers of styrene.
- 22. (original) The cured composition of claim 1, wherein the epoxy resin is a multifunctional glycidyl other.
- 23. (original) The cured composition of claim 22, wherein said multifunctional glycidyl ether is selected from the group consisting of epoxidized phenolformaldehyde novolacs, epoxidized cresol-formaldehyde novolacs, epoxidized alkylphenol-formaldehyde novolacs, epoxidized 1,1,1-tris(4-hydroxyphenyl)ethane, epoxidized 1,1,2,2-tetra(4-hydroxyphenyl) ethane, epoxidized phenol-dicyclopentadiene novolacs, and epoxidized phenol-benzaldehyde novolacs.

- 24. (original) A cured composition comprising a cured residue of a curable composition comprising:
- (a) an epoxy resin and curing agent therefor, wherein said epoxy resin is a glycidyl ether resin or mixture of glycidyl ether resins containing, on average, greater than 2 epoxy groups per molecule;
- (b) 1,3,5-tris(2,4,6-tribromophenoxy)triazine and/or 2,2'-[(1-methylethylidene)bis[(2,6-dibromo-4,1-phenylene)oxy]]bis[4,6-bis[(2,4,6-tribromophenyl)oxy]-1,3,5-triazine]; and
 - (c) a poly(phenylene ether) resin.
- 25. (original) A cured composition comprising a cured residue of a curable composition comprising:
 - (a) an epoxidized cresol-formaldehyde novolac resin;
 - (b) 1,3,5-tris(2,4,6-tribromophenoxy)triazine; and
- (c) a poly(phenylene ether) resin having a number average molecular weight ranging from about 1,000 to 15,000 g/mol.

26. (original) A laminate, comprising:

a metal foil having a surface; and

- (a) an epoxy resin and curing agent therefor, wherein said epoxy resin is essentially free of bromine atoms;
- (b) a flame retardant additive essentially free of phenolic groups and of epoxy groups, wherein said flame retardant is a condensation product of (i) a brominated phenol or a mixture of brominated phenols with (ii) a cyanuric halide; and
 - (c) a thermoplastic resin,
- 27. (original) The laminate of claim 26, wherein said flame retardant additive has a bromine content greater than 20%.
- 28. (original) The laminate of claim 26, wherein said flame retardant additive is 1,3,5-tris(2,4,6-tribromophenoxy)triazine.
- 29. (original) The laminate of claim 26, wherein said flame retardant additive is 2,2'-[(1-methylethylidene)bis[(2,6-dibromo-4,1-phenylene)oxy]]bis[4,6-bis[(2,4,6-tribromophenyl)oxy]-1,3,5-triazine].
- 30. (original) The laminate of claim 26, wherein said epoxy resin is a glycidyl other resin or a mixture of glycidyl ether resins containing, on average, greater than 2 epoxy groups per molecule.

- 31. (currently amended) The A laminate of claim 26, comprising: a metal foil having a surface; and
- disposed on the surface of the metal foil, a cured residue of a curable composition comprising:
- (a) an epoxy resin and curing agent therefor, wherein said epoxy resin is essentially free of bromine atoms;
- (b) a flame retardant additive essentially free of phenolic groups and of epoxy groups, wherein said flame retardant is a condensation product of (i) a brominated phenol or a mixture of brominated phenols with (ii) a cyanuric halide; and
- (c) a thermoplastic resin; wherein said thermoplastic resin has a Tg greater than 120°C.
- 32. (currently amended) The A laminate of claim 26, comprising: a metal foil having a surface; and

- (a) an epoxy resin and curing agent therefor, wherein said epoxy resin is essentially free of bromine atoms:
- (b) a flame retardant additive essentially free of phenolic groups and of epoxy groups, wherein said flame retardant is a condensation product of (i) a brominated phenol or a mixture of brominated phenols with (ii) a cyanuric halide; and
- (c) a thermoplastic resin; wherein said thermoplastic resin has a dissipation factor of less than 0.010 measured at 1 MHz at room temperature.
- 33. (original) The laminate of claim 26, wherein said thermoplastic resin is a poly(phenylene ether).

60LT1094.8

- 34. (original) The laminate of claim 33, wherein the poly(phenylenc other) has a number average molecular weight ranging from about 1,000 to 15,000 g/mol.
- 35. (original) The laminate of claim 33, wherein the poly(phenylene ether) has a weight average molecular weight ranging from about 3,000 to 35, 000 g/mol.
- 36. (currently amended) The A laminate of claim 26, comprising: a metal foil having a surface; and

- (a) an epoxy resin and enring agent therefor, wherein said epoxy resin is essentially free of bromine atoms;
- (b) a figure retardant additive essentially free of phenolic groups and of epoxy groups, wherein said flame retardant is a condensation product of (i) a brominated phenol or a mixture of brominated phenols with (ii) a cyanuric halide; and
- (c) a thermoplastic resin; wherein said thermoplastic resin is one or more of poly(phenylene ether) or poly(styrene-co-maleic anhydride).

60I/T1094-8

comprising:

- 37, (currently amended) The A laminate of claim 26, comprising: a metal foil having a surface; and disposed on the surface of the metal foil, a cured residue of a curable composition
- (a) an epoxy resin and curing agent therefor, wherein said epoxy resin is essentially free of bromine atoms;
- (b) a flame retardant additive essentially free of phenolic groups and of epoxy groups, wherein said flame retardant is a condensation product of (i) a brominated phenol or a mixture of brominated phenols with (ii) a cyanuric halide; and
- (c) a thermoplastic resin; wherein said thermoplastic resin is the reaction product of a poly(phenylene ether) and a peroxide.
- (currently amended) The A laminate of claim-26, comprising: 38, a metal foil having a surface; and

- (a) an epoxy resin and curing agent therefor, wherein said epoxy resin is essentially free of bromine atoms;
- (b) a flame retardant additive essentially free of phenolic groups and of epoxy groups, wherein said flame retardant is a condensation product of (i) a brominated phenol or a mixture of brominated phonols with (ii) a cyanuric halide; and
- (c) a thermoplastic resin; wherein said thermoplastic resin is the reaction product of a poly(phenylene ether), a peroxide, and a bisphenol.

39. (currently amended) The A laminate of elaim 26, comprising: a metal foil having a surface; and

- (a) an cooxy resin and curing agent therefor, wherein said epoxy resin is essentially free of bromine atoms;
- (b) a flame retardant additive essentially free of phenolic groups and of epoxy groups, wherein said flame retardant is a condensation product of (i) a brominated phenol or a mixture of brominated phenols with (ii) a cyamuric halide; and
 - (c) a thermoplastic resin; wherein said thermoplastic resin is a polyimide.
- 40. (original) The laminate of claim 26 wherein the curable composition further comprises one or more of an organic reinforcement, an inorganic reinforcement, or a filler.
- 41. (original) The laminate of claim 26, wherein the curable composition is essentially free of homopolymers of styrene.
- 42. (original) The laminate of claim 26, wherein the epoxy resin is a multifunctional glycidyl ether.
- 43. (original) The laminate of claim 42, wherein said multifunctional glycidyl ether is selected from the group consisting of cpoxidized phenol-formaldehyde novolacs, epoxidized cresol-formaldehyde novolacs, epoxidized alkylphenol-formaldehyde novolacs, epoxidized 1,1,1-tris(4-hydroxyphenyl)ethane, epoxidized 1,1,2,2-tetra(4-hydroxyphenyl) ethane, epoxidized phenol-dicyclopentadione novolacs, and epoxidized phenol-benzaldehyde novolacs.

44. (original) A laminate, comprising:

a metal foil having a surface; and

disposed on the surface of the metal foil, a cured residue of a curable composition comprising:

- (a) an epoxy resin and curing agent therefor, wherein said epoxy resin is a glycidyl ether resin or mixture of glycidyl ether resins containing, on average, greater than 2 epoxy groups per molecule;
- (b) 1,3,5-tris(2,4,6-tribromophenoxy)triazine and/or 2,2'-[(1-methylethylidene)bis[(2,6-dibromo-4,1-phenylene)oxy]]bis[4,6-bis[(2,4,6-tribromophenyl)oxy]-1,3,5-triazine]; and
 - (c) a poly(phenylene ether) resin.
 - 45. (original) A laminate, comprising:

a metal foil having a surface; and

- (a) an epoxidized crosol-formaldehyde novolae resin;
- (b) 1,3,5-tris(2,4,6-tribromophenoxy)triazine; and
- (c) a poly(phenylene ether) resin having a number average molecular weight ranging from about 1,000 to 15,000 g/mol.